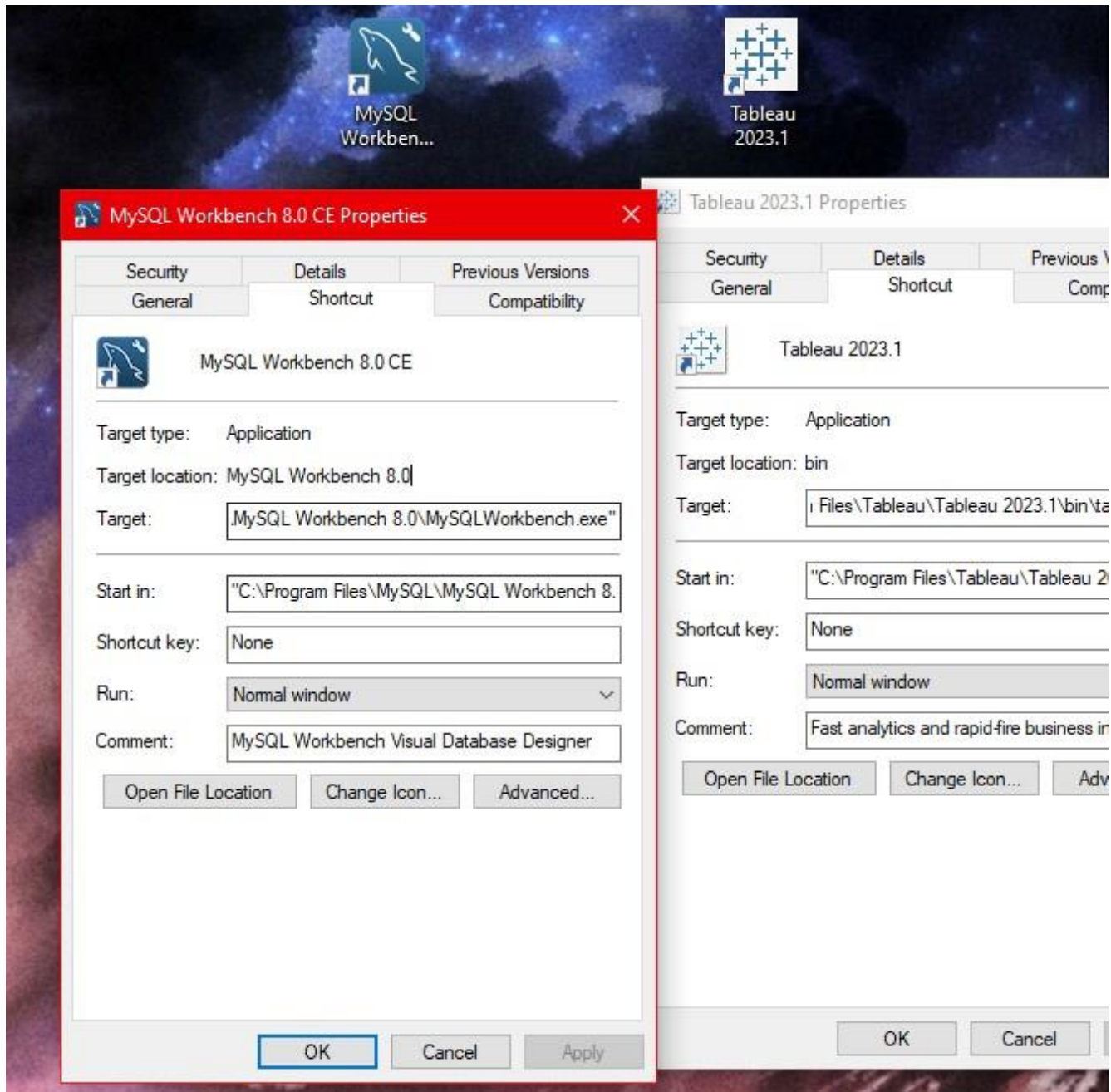
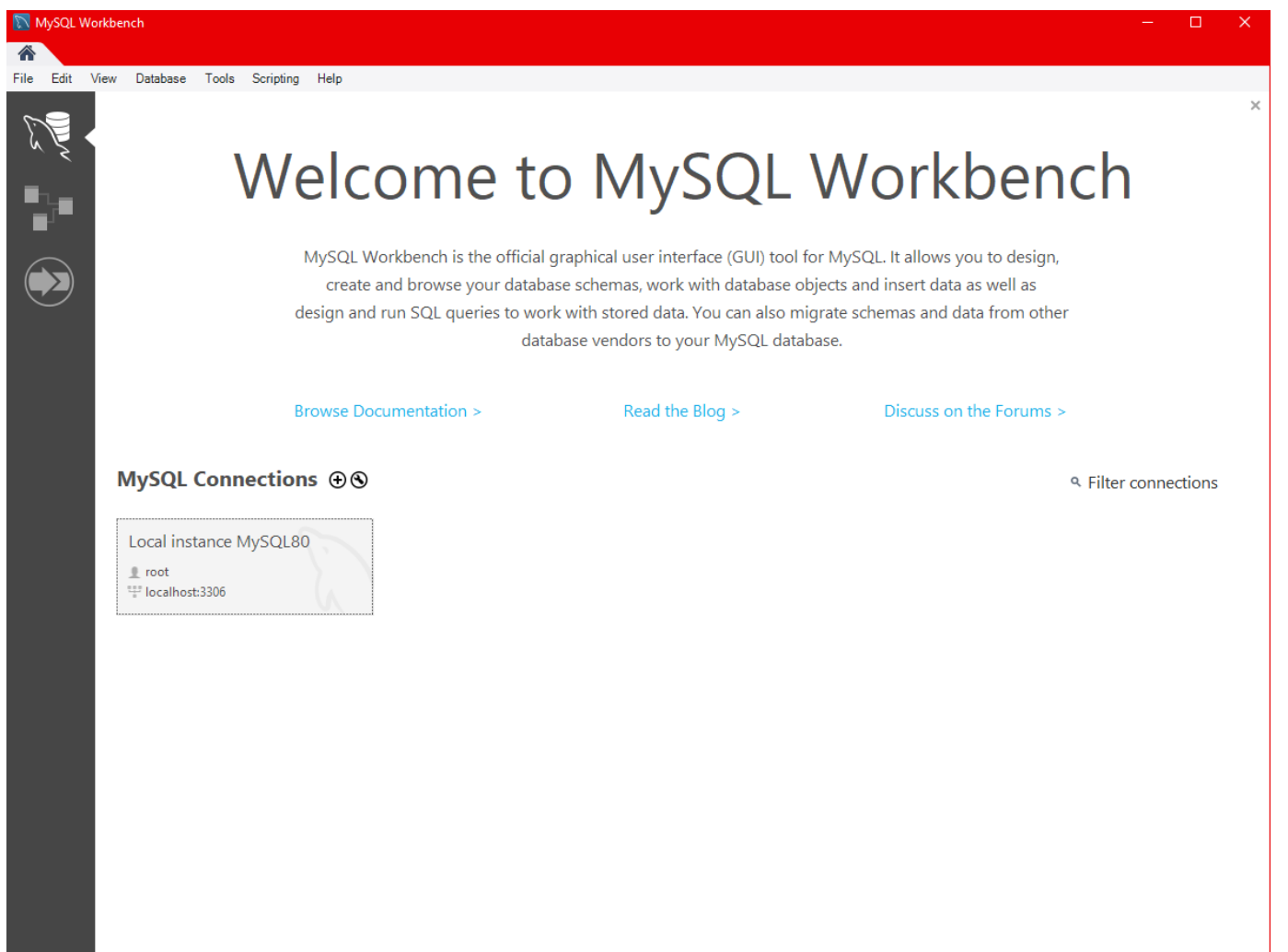
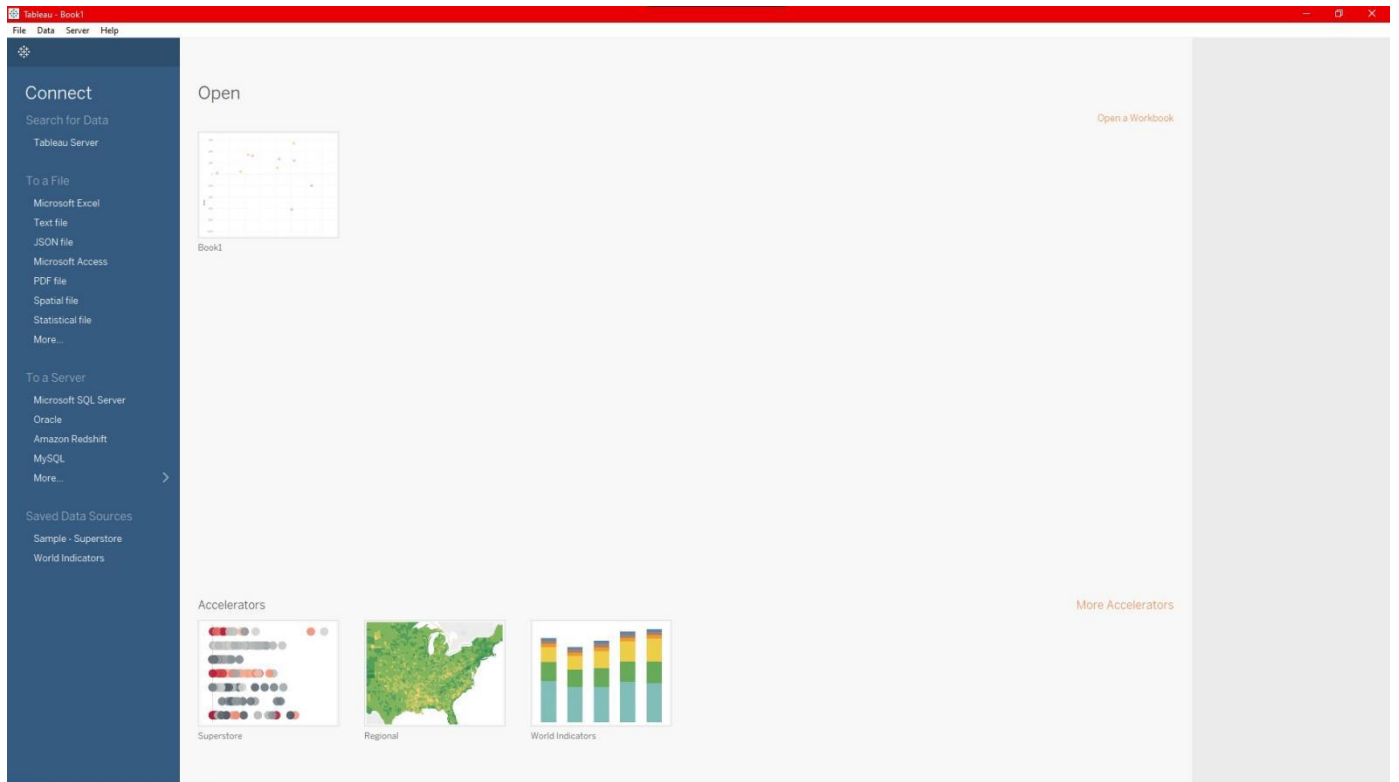


ASSIGNMENT – I

1) Download tableau desktop & Mysql in your PC or laptop





2) Create a new schema in your Mysql workbench and upload your data

The screenshot displays the MySQL Workbench interface for a 'Local instance MySQL80'. The main window is titled 'SuperStore_Data - Schema' and shows the 'Name' field set to 'SuperStore_Data'. Below this, the 'Charset/Collation' is set to 'Default Charset' and 'Default Collation'. A 'Rename References' button is visible. The left sidebar shows the 'SCHEMAS' list with 'javadb', 'sys', 'tableau_sales_superstore_data', and 'test1'. The bottom status bar indicates 'No object selected'. The right sidebar contains a message: 'Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.'

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

Filter objects

- javadb
- sys
- tableau_sales_superstore_data
- test1

Query 1: SuperStore_Data - Schema

Name: SuperStore_Data

Specify the name of the schema here. You

Rename References

Refactor model, changing all references found in view, triggers, stored procedures and functions

Charset/Collation: Default Charset Default Collation

The character set and its collation selected

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Administration Schemas

Information

No object selected

Schema

Apply Revert

Context Help Snippets

Output: Action Output

#	Time	Action	Message	Duration / Fetch
---	------	--------	---------	------------------

Object Info Session



SCHEMAS

Filter objects



Name: superstore_data

Specify the name of the schema here. You

Rename References

Refactor model, changing all references found in view, triggers, stored procedures and functions

Apply SQL Script to Database

Review SQL Script

Apply SQL Script

Review the SQL Script to be Applied on the Database

Online DDL

Algorithm: Default

Lock Type: Default

```
1 CREATE SCHEMA `superstore_data` ;  
2
```



Back

Apply

Cancel

Apply SQL Script to Database

Review SQL Script

Apply SQL Script

Applying SQL script to the database

The following tasks will now be executed. Please monitor the execution.
Press Show Logs to see the execution logs.

☒ Execute SQL Statements

SQL script was successfully applied to the database.

Show Logs

Back

Finish

Cancel

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help



Navigator

Filter objects

SCHEMAS

javadb

superstore_data

test

sys

tab

test

- Create Table...
- Create Table Like...
- Search Table Data...
- Table Data Import Wizard
- Refresh All

Query 1

```
1 • use test1;  
2 • select * from test_store;  
3
```

Limit to 1000 rows

SQLAdditions

Jump to

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Administration Schemas

Information

Schema:
superstore_data

Context Help Snippets

Output

Table Data Import

Select File to Import

Table Data Import allows you to easily import CSV, JSON datafiles.
You can also create destination table on the fly.

File Path:

Browse...

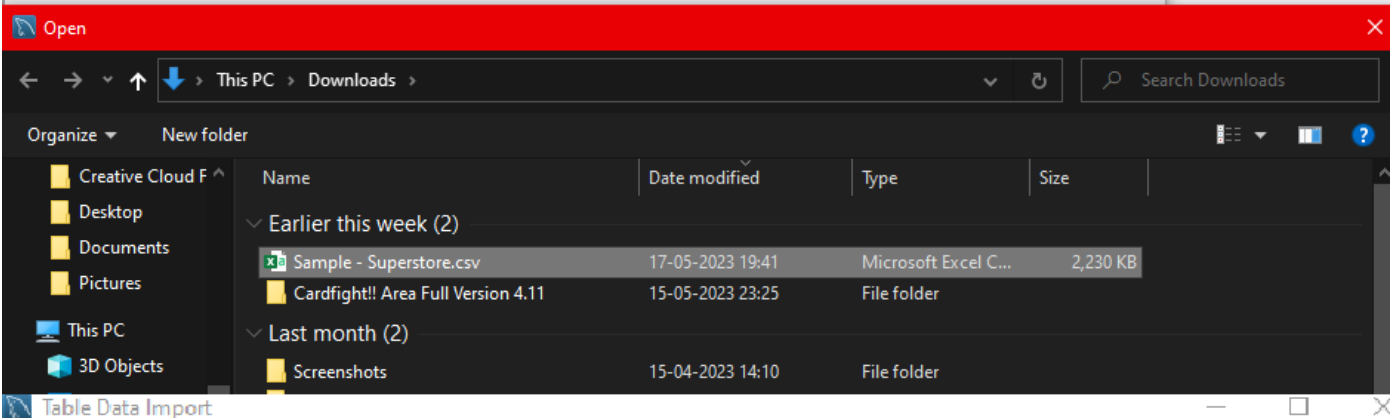


Table Data Import

Configure Import Settings

Detected file format: csv

Encoding: utf-8

Columns:

☒ Source Column

Field Type

☒ Row ID

int

☒ Order ID

text

☒ Order Date

text

☒ Ship Date

text

☒ Ship Mode

text

☒ Customer ID

text

Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer ...	Segment	Country	City
1	CA-2016-15...	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gute	Consumer	United States	Hender
2	CA-2016-15...	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gute	Consumer	United States	Hender
3	CA-2016-13...	6/12/2016	6/16/2016	Second Class	DV-13045	Darrin Van...	Corporate	United States	Los Ang
4	US-2015-10...	10/11/2015	10/18/2015	Standard Cl...	SO-20335	Sean O'Don...	Consumer	United States	Fort La

< Back

Next >

Cancel

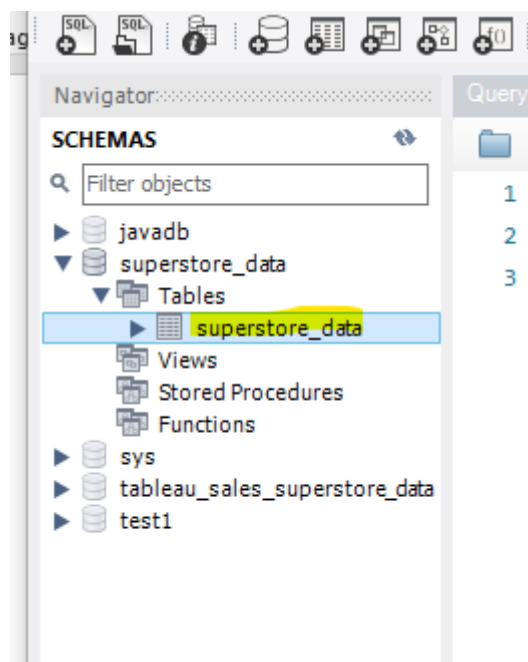
Table superstore_data.superstore_data was created

138 records imported

< Back

Finish

Cancel



3) Connect your Mysql and Tableau

The screenshot shows the Tableau Desktop interface. On the left is the 'Connect' pane with options like 'Search for Data', 'Tableau Server', 'To a File', and 'To a Server'. The 'MySQL' option is selected. The main workspace is titled 'Open' and contains a 'MySQL' connection dialog box. The dialog box has tabs for 'General' and 'Initial SQL'. The 'General' tab is active, showing fields for 'Server' (localhost), 'Port' (3306), 'Database' (superstore_data), 'Username' (root), and 'Password' (masked). There is a 'Require SSL' checkbox and a 'Sign In' button. Below the dialog box are 'Accelerators' for 'Superstore', 'Regional', and 'World Indicators'. On the right is the 'Discover' pane with 'Training' and 'Resources' sections. A banner at the bottom right says 'Tableau 2023.1 available now'.

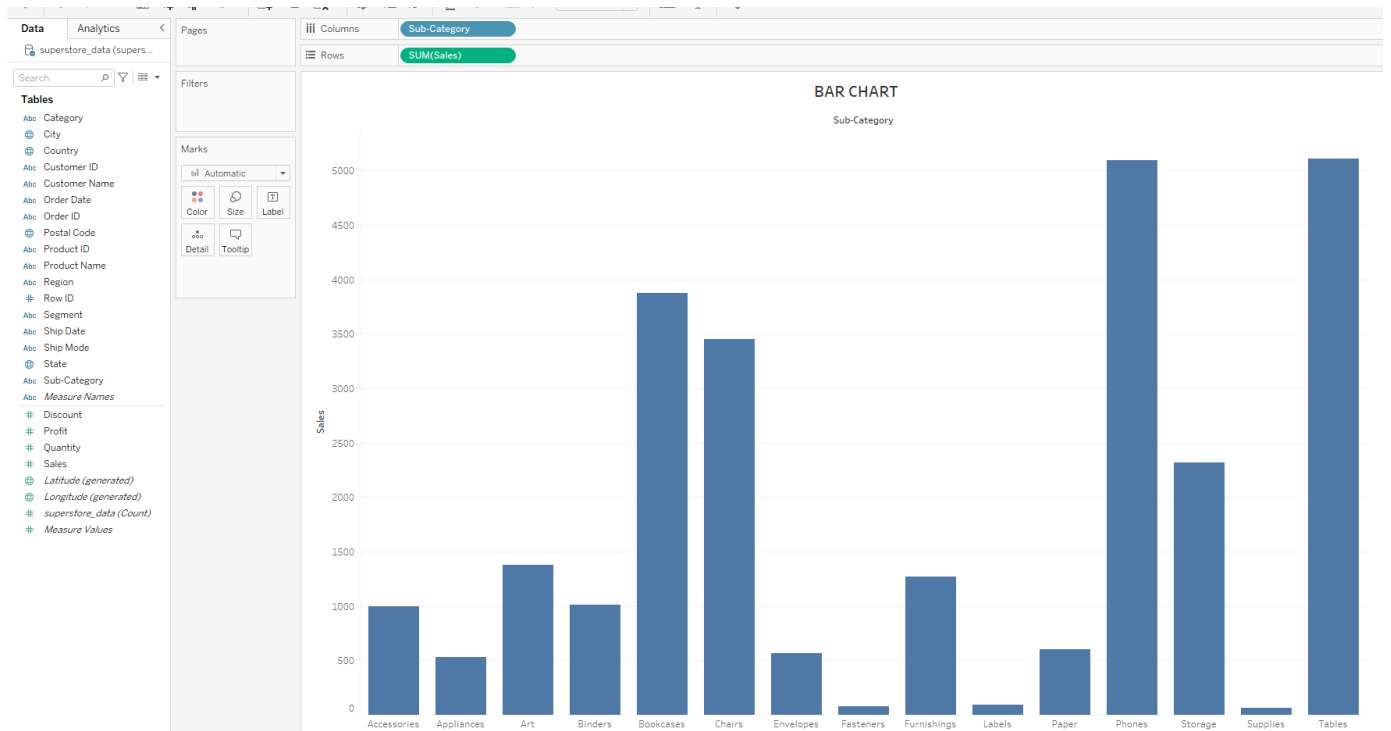
The screenshot shows the Tableau Desktop interface with a worksheet titled 'superstore_data (superstore_data)'. The left pane shows 'Connections' with 'localhost MySQL' selected. Below it is the 'Database' section with 'superstore_data' selected. The 'Table' section shows 'superstore_data' selected. The main view shows a table with 21 fields and 138 rows. The fields are: Row ID, Order ID, Order Date, Ship Date, Ship Mode, Customer ID, Customer Name, Segment, Country, City, and State. A 'Fields' list on the left shows fields like Row ID, Order ID, Order Date, Ship Date, Ship Mode, Customer ID, and Customer Name. A 'Data Source' pane at the bottom shows 'Sheet 1'.

Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	Country	City	State
1	CA-2016-452156	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gule	Consumer	United States	Henderson	Kentuc
2	CA-2016-452156	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gule	Consumer	United States	Henderson	Kentuc
3	CA-2016-138688	6/12/2016	6/15/2016	Second Class	DV-13045	Darrin Van Huff	Corporate	United States	Los Angeles	Califon
4	US-2015-108966	10/11/2015	10/18/2015	Standard Class	SO-20335	Sean O'Donnell	Consumer	United States	Fort Lauderdale	Florida
5	US-2015-108966	10/11/2015	10/18/2015	Standard Class	SO-20335	Sean O'Donnell	Consumer	United States	Fort Lauderdale	Florida
6	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	Califon
7	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	Califon
8	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	Califon
9	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	Califon
10	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	Califon

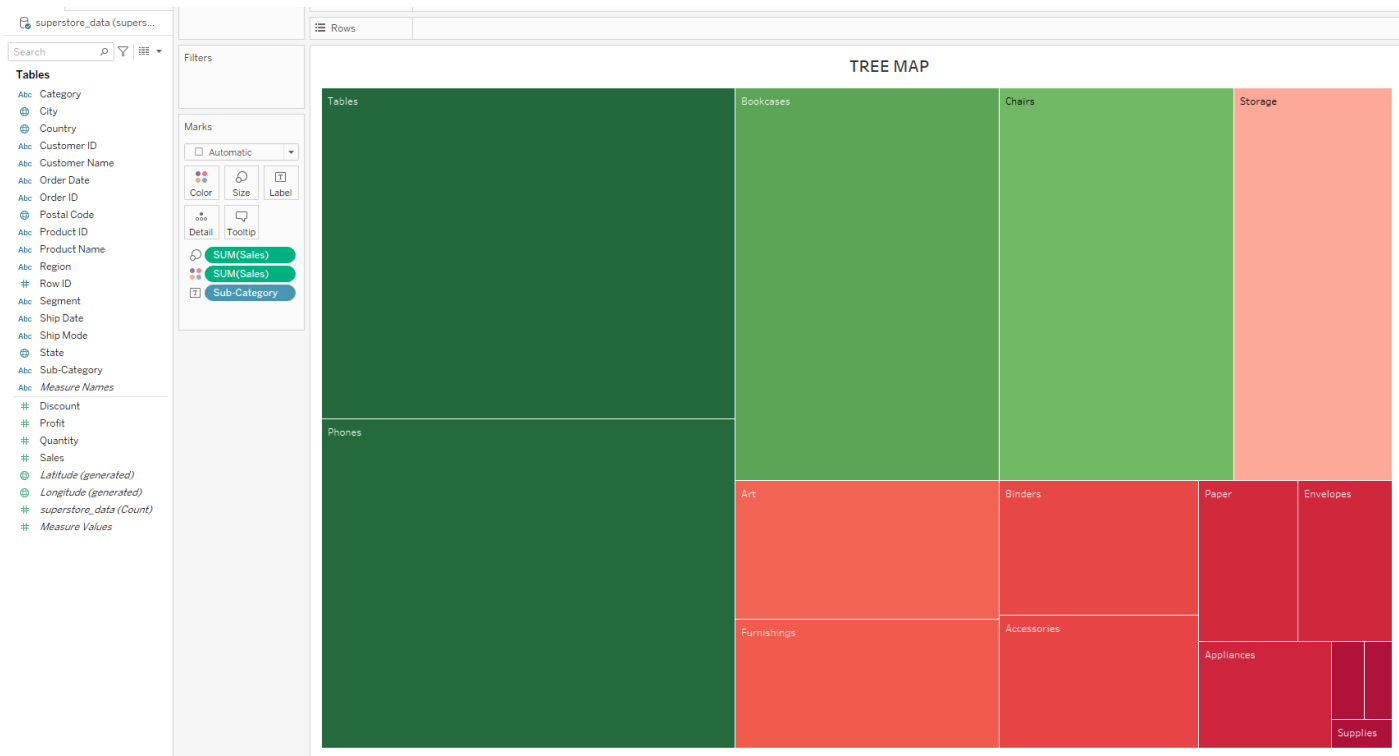
4) Create the below 5 charts/plots

- Bar chart
- Tree map
- Heatmap
- Pie chart
- Horizontal bar chart

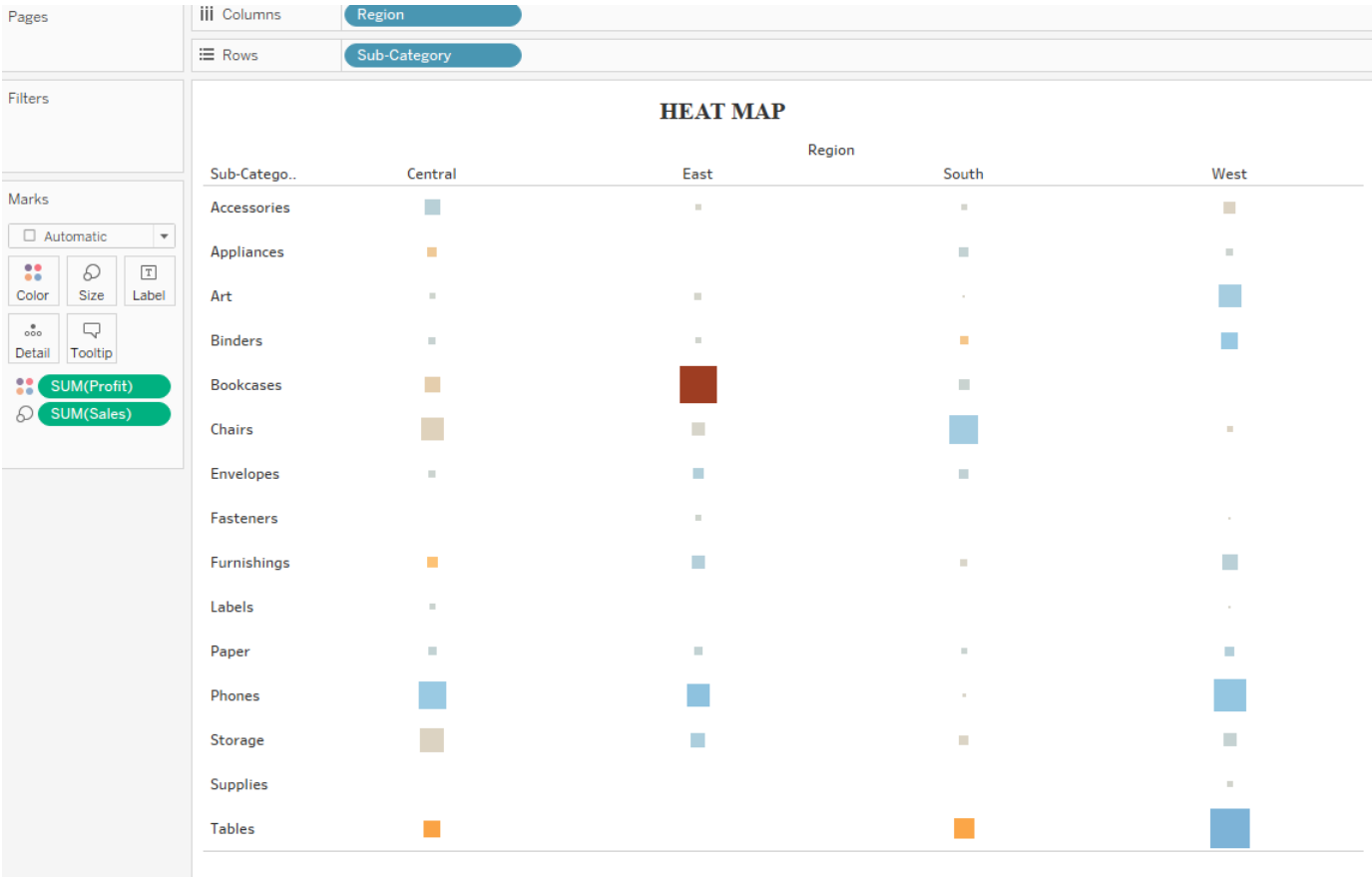
BAR CHART:



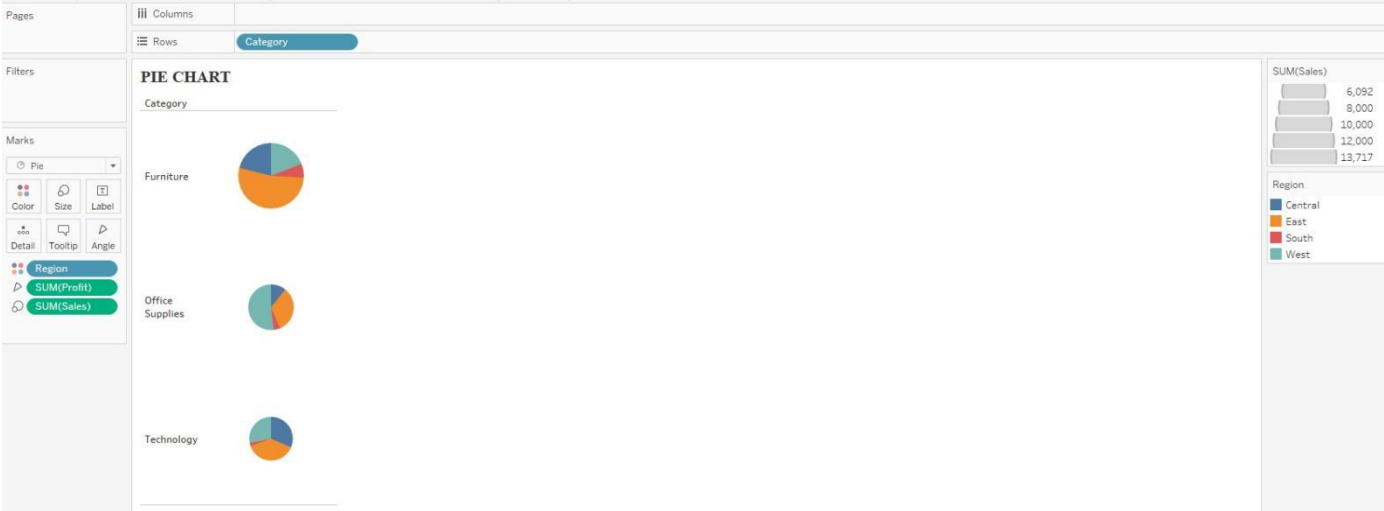
TREE MAP:



HEAT MAP:



PIE CHART:



HORIZONTAL BAR CHART:

